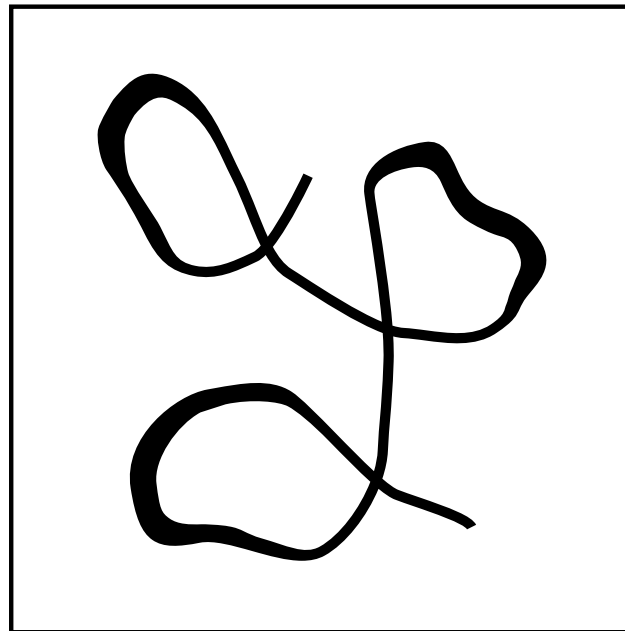


# place of CONNECTION



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# STODŮLKY/JINONICE

\_Area Stodůlky / Jinonice is located in the southwestern part of Prague on the metro line B and at the exit from the Prague - Pilsen motorway.

\_In the northern part, there is a new construction of low-rise apartment buildings and offices. It is a quiet place. On the other side (south side) leads the Rozvadovská spojka, therefore the natural barriers and soundproofing elements.

\_The newly designed park offers better permeability to the landscape and at the same time creates a recreational place for meetings and sports activities.

\_It is a diverse terrain. The city created natural barriers as sound insulation of the road.

\_In the western part of the waist is the highest point and towards the east falling down the field. It is definitely not flat.



## NOISE BARRIERS

\_Noise barriers have been designed along the route and at collision points.

\_Their location, shape, material and height have been taken from previous acoustic studies,

\_Jinonice was originally called Ninonice and first appears in the charter of the Vyšehrad Chapter in 1088.

The Jinonice court, which is a protected cultural monument of the Czech Republic, has preserved the style of an early Baroque manor.

## PLACE PROBLEMS

In area Stodulky/Jinonice is a system of Jinonický ponds, which consists of three ponds - Panský, Jinonický and Butovický.

The system has been struggling with water shortages for some time.

The first reason for the loss of water is the construction of the subway, which caused the groundwater level to fall.

The second reason is the built-up area of the Jinonický stream, where construction projects with poorly resolved management and rainwater were allowed.

## SOLUTIONS AND OBJECTIVES

Creation of a water network, which would help to absorb water into the soil and also to retain it and for next use. In the case of large rains prevent the accumulation of water in the streets.

Create a functioning blue-green infrastructure in the given area

Points that are important for the part of project where I creating paths.

## \_GOALS

\_Connect greenery with water in the city

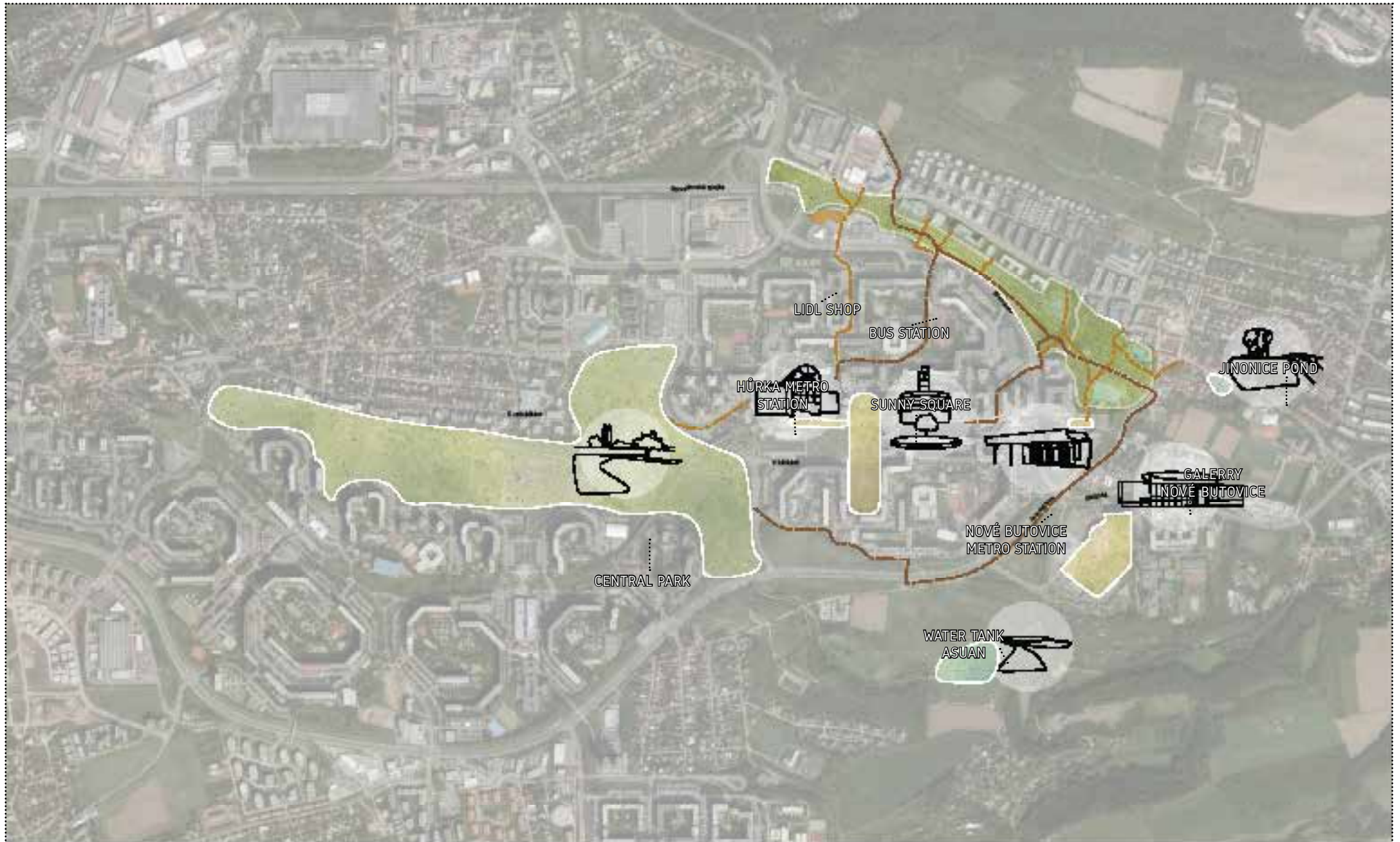
\_Connect new buildings with the center

\_Improve the permeability of the landscape. At the same time create a place that will connect people there

## Materials

Natural materials - stone, wood

# WEIDER CONNECTIONS





## SITE PLAN





#### RAINWATER MANAGEMENT

##### \_WATER FROM ROOFS\_

\_Rainwater is drained from the roofs of the surrounding houses by pipes into an open riverbed, which runs along the length of the area. The water is already clean, but over the time gets dirty so it has to be still maintained.

\_ The water from riverbed run into the infiltration pond where si cleaned by wetlands plants. In case of heavy rains and more accumulated water is water drained into a retention tank, where it would be retained and kept clean.



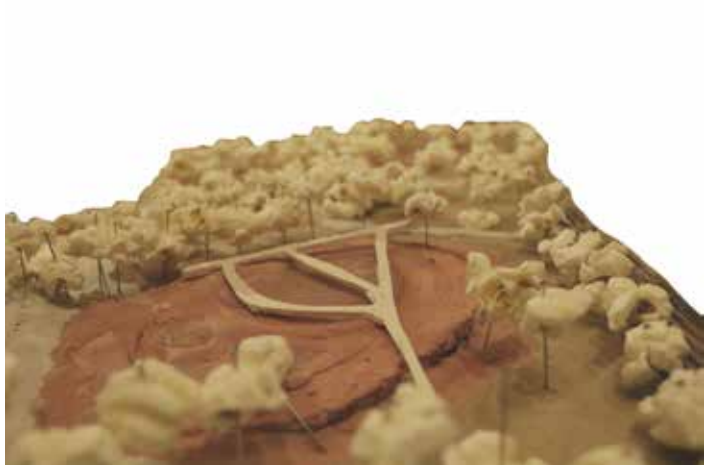
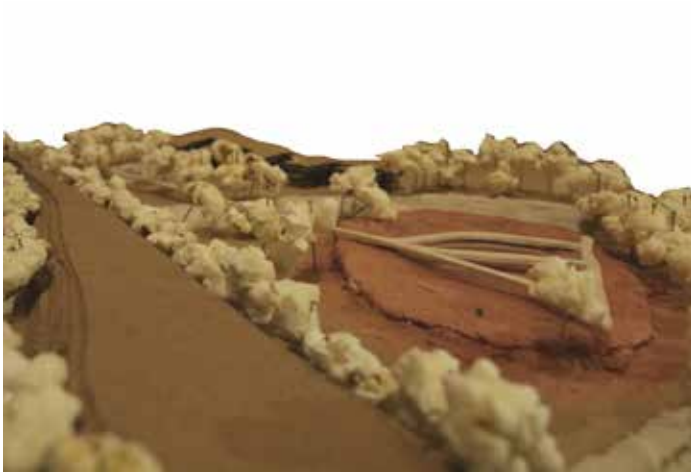


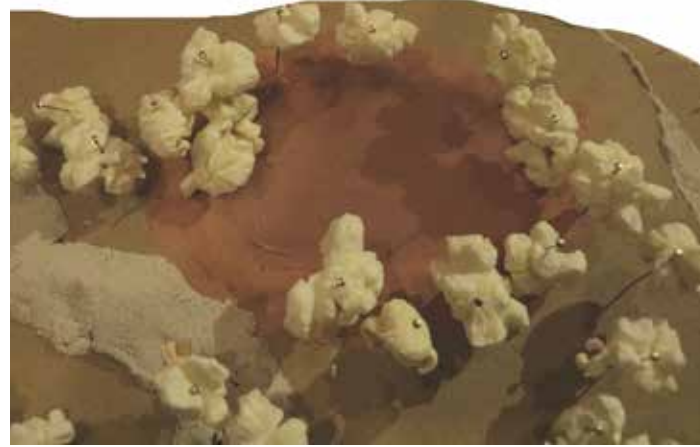
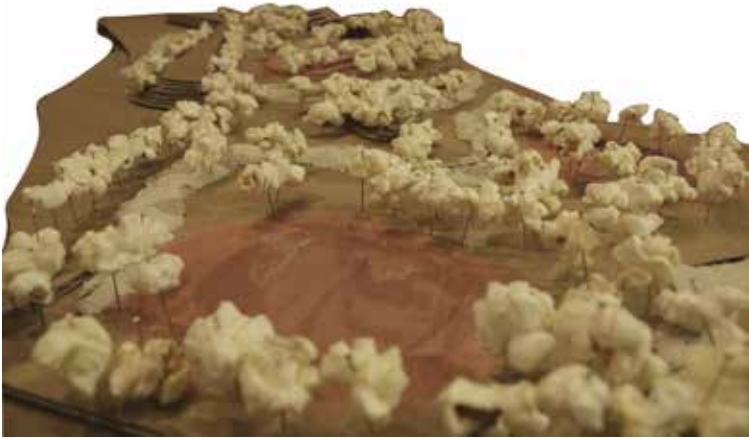


## \_WATER FROM ROADS\_

The polluted water from the roads is drained into the green belt and led through pipes to the cleaning wetland of a smaller size, where it is cleaned and after time is taken to the retention tank.







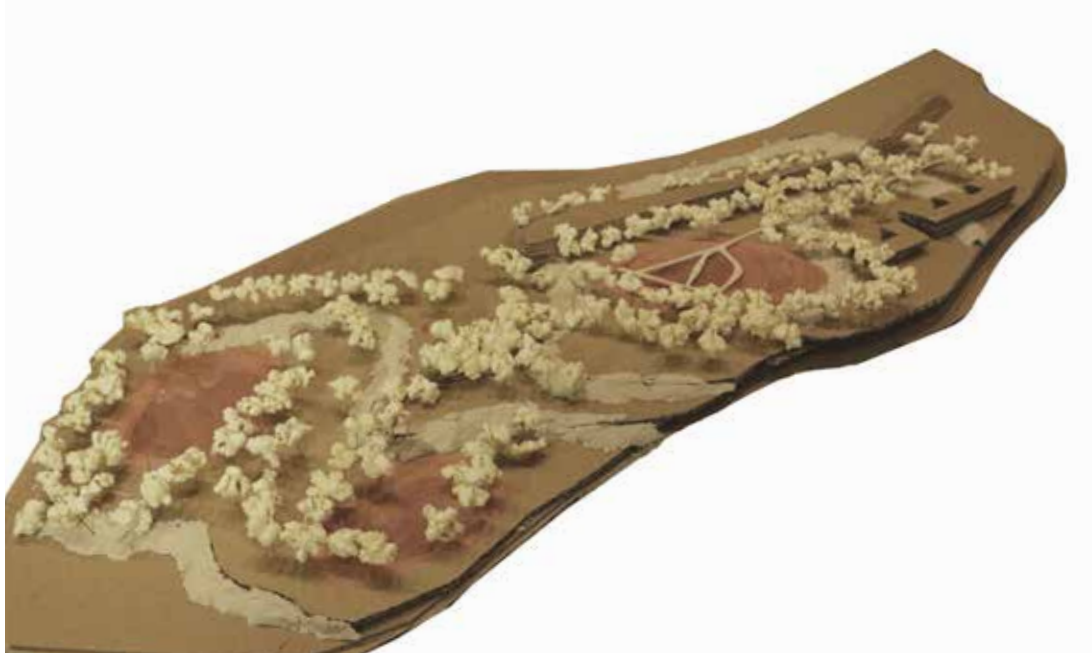
### \_THIRD WETLAND POND\_PANSKÝ POND\_

The pond is already been there, the pond

Water from the surrounding houses is also drained into it, and in the event of heavy rains, it is connected by an open trough to a retention tank, where the water would drain.

Over flooded

In case there would be above-average water intake, the third wetland is connected to Jinonický stream so the water has always where to run



## \_STRENGTHS

\_PATHS  
\_TERRAIN DIVERSITY  
\_SPACE

## WEAKNESSES\_

\_INVASIVE VEGETATION  
\_PATHS  
\_MAINTANCE

S  
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## \_OPPORTUNITIES

\_TERRAIN  
  
\_ZONING SPACE  
\_PERMEABILITY  
\_USABILITY  
\_SAFETY

## THREATS\_

\_PATHS  
\_SLOPE  
\_NO BARRIER ACCES



## WET SOIL ZONE

*Achillea ptarmica* 'Schneeball' *Ligularia dentata* 'Desdemon'



## EDGE OF THE WATER SURFACE

### SWAMP ZONE

*Trollius chinensis*



### ZONE OF REED

*Filipendula ulmaria*



*Eriophorum angustifolium*



## SHALLOW WATER ZONE

*Achillea ptarmica* 'Schneeball' *Cyperus longus*



*Scirpus lacustris*





## ZONE OF WATER LILIES AND SUBMERGED

*Nuphar lutea*



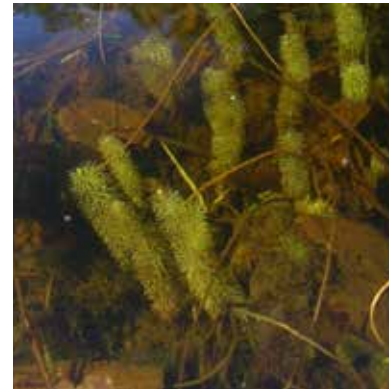
*Hydrocharis morsusrae*



*Ceratophyllum demersum*



*Utricularia intermedia*



## TREES NEAR THE WATER

*Salix alba*



*Tilia cordata*



*Fraxinus excelsior*



*Quercus robur*



*Quercus rubra*



*Prunus avium*





## NEAR THE ROAD

*Prunus padus*



*Acer campestre*



*Quercus petraea*



*Fraxinus excelsior*



*Fraxinus excelsior*



## FREE INTO SPACE

*Tilia tomentosa*



*Pyrus communis*



## ALLEY

*Prunus avium*



## BUSHES

*Syringa vulgaris*



*Prunus spinosa*



*Ligustrum vulgare*





*Prunus avium*



*Lotus corniculatus*



*Leucanthemum vulgare*



*Trifolium repens* L.



## GRASS

*Calamagrostis acutiflora* 'Overdam'



*Calamagrostis x acutiflora* 'Karl Foerster'

